

Receiving Report

Date: 11/4/20

Batch No: M117483

Supplier: THYSSSEN K

Dart P/O: 13724

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☐ No ☒
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☐ No ☒
 Shipment Complete: Yes ☒ No ☐ N/A ☐
 QC6 Inspection ☒ N/A ☐
 Work Order 81164/25 N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12

Production/Admin:
 Date 11/4/20
 Received/Costing
 Initial

Location

DAN 47
B I L L O F L A D I N G

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033

No: PEC 707132
Ship Date 19Apr11 at 14:32 From PFW
Probill
Via VIM TRANSFER TRUCK
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp *10* STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

=====

B I L L O F L A D I N G

1) Our Order PEC-316221- 1 Your PO # 13724
STAINLESS STEEL FLAT BAR 17-4 HRAP
1.25" X 2.00" X 144.0000"

MTR

Heat Number	Tag No	Quantity	PCS	Wt LBS
<u>252544</u>	186302	<u>36 FT</u>	3	332

TOTAL:	Tags 1	PCS 3	LBS 332
--------	--------	-------	---------

*****ADD ON TO 316219/315952 SUR-CHARGE PAID*****

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

TOTAL 1 BDL G.W. 334 LBS

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***

**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$20.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

Page: 1 Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

Acciaierie Valbruna S.p.A.



CERTIFICATO DI COLLAUDO
ABNAHMEPRUEFZEUGNIS
INSPECTION CERTIFICATE
CERTIFICAT DE RECEPTION
EN 10204 (2005) , 3.1

36100 VICENZA (Italia) - Viale della scienza, 25 z.l.
Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4

Cliente / Besteller/Purchaser/Client
VALBRUNA STAINLESS INC.
2400 TAYLOR STREET WEST
46801-FORT WAYNE, IN 46801-US

Produttore: **ACCIAIERIE VALBRUNA S.P.A.**
Hersteller/Item/Usine producer

Avviso di Spedizione: D-VI11006291
Lieferanzsige/Packing list/B.L.

Ordine nr: 28309 STOCK CAROL STR
Bestell/Your order/Commande

Tipo di Elaborazione: **E+AOD**
Ercheinungsart/Melting process/Mode d'elaboration

Certificato nr: MEST019401/2011/
Prüfung/Test/Essai

Conferma ordine nr: EI10008033
Werkz/Our Order/Fel nr.

Marchio di Fabbrica:
Zeichen des Lieferwerkes
Trade mark
Sigle de l'usine productrice

Punzone del Collaudatore:
Stempel des Werkssachverständigen
Inspector's stamp/Plombon de l'essayeur

Oggetto Prove: Descaled COND. A Hotrolled
Prüfgegenstand/Item Inspected/Finissage

Specifiche:
Anforderungen / Requirements / Exigences
VSI 2 630 A
AMS 5643 R S17400 A
ASTM A564-2010 S17400 A
(0) SEC. II PT.A 2010 EDITION

SAISI 630
ASME SA564 2010 S17400 A (0)

AMS 2303 E.
ASTM A370 2010 .

Qualità: 630
Werkstoff/Grade/Qualité

Marca: **V174**
Markenbezeichnung/Brand/Nuance

Punzonatura: 630
Kennzeichnung/Marking/Marquage

Pos. nr. Pos. nr. Nr. de poste	Oggetto Gegenstand Product description Descript. du produit	Dimensioni - In Abmessungen Dimension Dimension	Tolleranza Toleranz Allowance Tolerance	Lunghezza - In Länge Length Longueur	Colata Schmelze Heat Coulée	Pezzi Stückzahl Pieces Pièces	Peso - LB Gewicht Poids	Lotto nr. Lot nr. Lot nr.
0010	Flat	2,0000 x 1,2500	484-09	144 / 156	252544		2.189	120600840

TEST ALLO STATO DI FORNITURA

Test on delivery condition Prüfung auf lieferbarem produkt test a l'etat de fourniture Prueba sobre el material así como entregado

TEST	Provetta/Probstat Specimen/Eprouvette Leng. diam. Spec. Bore Diam. Dicks Width Diam. Thickness Leng. diam. epais mm	°F	Posiz. Saggio Probenlage Location Emplacement	Snervamento Streckgrenze Yield Stress Limite elastique	Snervamento Streckgrenze Yield Stress Limite elastique	Resistenza Zugfestigkeit Tensile strength Resistance à traction	Allungamento Bruchdehnung Elongation Allongement	Strizione Einschnürung Reduction of area Striction	Resilienza Kerbschlagarbeit Impact Value Resilience	Durezza Härte Hardness Dureté HB
Valori richiesti 1 Anforderungen/Required values Valeurs demandées		min max								363
A										347

TEST		min	max
A	Delta Ferrite		5,0
A	Grain size for ASTM E112		1,0 %
A	RATINGS FREQUENCY		5
A	RATINGS SEVERITY		0,10
			1,05
			0,05

Sample cond. H900

Tipo Trattamento Wärmebehandlung Heat Treatment Traitement Thermique		Temperatura Temperatur Temperature Temperatur	Raffreddamento Abkühlung Cooler Refrigidement	Permanenza Haltezeit Permanence Mairten	Tipo Trattamento Wärmebehandlung Heat Treatment Traitement Thermique		Temperatura Temperatur Temperature Temperatur	Raffreddamento Abkühlung Cooler Refrigidement	Permanenza Haltezeit Permanence Mairten	Tipo Trattamento Wärmebehandlung Heat Treatment Traitement Thermique		Temperatura Temperatur Temperature Temperatur	Raffreddamento Abkühlung Cooler Refrigidement	Permanenza Haltezeit Permanence Mairten
Aging		900 °F	AIR	60'										
TEST	Provetta/Probstat Specimen/Eprouvette Leng. diam. Spec. Bore Diam. Dicks Width Diam. Thickness Leng. diam. epais mm	°F	Posiz. Saggio Probenlage Location Emplacement 1)	Snervamento Streckgrenze Yield Stress Limite elastique Rp 0,2% k.s.i.	Snervamento Streckgrenze Yield Stress Limite elastique	Resistenza Zugfestigkeit Tensile strength Resistance à traction Rm k.s.i.	Allungamento Bruchdehnung Elongation Allongement E 4d %	Strizione Einschnürung Reduction of area Striction RA %	Resilienza Kerbschlagarbeit Impact Value Resilience	Durezza Härte Hardness Dureté HB				
	Valori richiesti 1 Anforderungen/Required values Valeurs demandées	min max		170	-	190	-	10	-	388 444				
	B	12,5	68	L	185	-	201	16	57		433			

1) L=longitudinale/längs, T=transversale/quer, Q=Tangenziale/tangential

Mechanical properties according to ASTM A370.
Delta Ferrite according to AMS 2315.

Vicenza, 23/02/11 VC0008 (Mod. MCER)	Il collaudatore di stabilimento / der Werkssachverständige / Works inspector / L'agent d'usine M. Rizzotto	Pagina - 1 di 2
--	---	-----------------

Acciaierie Valbruna S.p.A.



36100 VICENZA (Italia) - Viale della scienza, 25 z.i.
Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4
Cliente / Besteller/Purchaser/Client
VALBRUNA STAINLESS INC.
2400 TAYLOR STREET WEST
46801-FORT WAYNE, IN 46801-US

Produttore: **ACCIAIERIE VALBRUNA S.P.A.**
Hersteller/Item/Usine productrice

Oggetto Prove: Descaled COND. A Hotrolled
Prüfgegenstand/Item Inspected/Finissage

Avviso di Spedizione: D-VI11006291
Lieferanzeige/Packing list/B.L.

Ordine nr: 28309 STOCK CAROL STR
Bestell/Your order/Commande

Tipo di Elaborazione: E+AOD
Erschmelzungsart/Melting process/Mode d'elaboration

CERTIFICATO DI COLLAUDO ABNAHMEPRUEFZEUGNIS INSPECTION CERTIFICATE CERTIFICAT DE RECEPTION EN 10204 (2005) , 3.1

Certificato nr: MEST019401/2011/
Prüfung/Test/Essai

Conferma ordine nr: EI10008033
Werkz/Our Order Ref nr.

Marchio di Fabbrica:
Zeichen des Lieferwerkes
Trade mark
Sigle de l'usine productrice

Punzone del Collaudatore:
Stempel des Werkssachverständigen
Inspector's stamp/Pointon de l'assesseur



Analisi chimica

Chemische Zusammensetzung/Chemical Analysis/Analyse chimique

Colata /Heat Schmelze/Coulée	min - max 0,070	- 1,00	- 1,00	15,00 17,00	- 0,50	3,00 5,00	3,00 5,00	-	0,150 0,350	- 0,040	- 0,030	- 0,050	5°C 0,350	-	-
	C %	Si %	Mn %	Cr %	Mo %	Cu %	Ni %	Co %	Nb+Ta	P %	S %	N %	Cb-Nb	Ta %	
252544	0,035	0,45	0,45	15,32	0,19	3,20	4,60	0,050	0,251	0,028	0,001	0,036	0,250	0,001	

Annealing temperature 1904 deg. F for 1 H , air
cool to below 90F.

Micro and macro etch test: satisfactory.

Produced without class I-II Ozone depleting substances.

Material is DFARS Compliant

ALLEGATI Anlagen Enclosure P.i. :

UT11001539

Sono state soddisfatte tutte le condizioni richieste
Die gestellten Anforderungen sind lt. Anlage erfüllt
The material has been furnished in accordance with the requirements
Le matériel a été trouvé conforme aux exigences

Controllo antimescolanza: OK
Verwechslungsprüfung: spectralanalytisch durchgeführt
Antimixing testing performed: OK
Contrôle antimélange fait: r.s.s.

Controllo visivo e dimensionale: soddisfa le esigenze
Besichtigung und Ausmessung: ohne Beanstandung
Visual inspection and dimensional checks:satisfactory
Contrôle visuel et dimension: satisfaisant

Melted and manufactured in Italy No welding or weld repair Material free from Mercury contamination

We declare that the finished product is checked for radioactive contamination through Portal System when it leaves the production plant.

The Quality Management System is Certified acc. Pressure Equipment Directive [97/23/EC] Annex 1,s.,4.3 by TÜEV and LLOYD'S

Any act of tampering, modification, alteration, counterfeiting and/or falsification and/or any other action which modifies the contents of this test certificate shall constitute a violation of applicable civil and criminal laws. Acciaierie Valbruna shall protect its rights and interests before any competent court, authority and jurisdiction.

The supplied product conforms to requirements expressly requested by the purchaser and conforms to requirements specified by certified norms and standards. Should the product be used for more severe, critical and/ or in any case different applications than those the material is generally intended for, any different and/or supplementary requirements shall be specifically demanded, at least, upon order of the Product by the Purchaser. Acciaierie Valbruna SpA shall not be responsible for any improper use of the Products.

Vicenza,23/02/11

VC0008
(Mod. MCER)

Il collaudatore di stabilimento / der Werkssachverständige / Works inspector / L'agent d'usine

M. Rizzotto

Pagina - 2 di 2



Acciaierie Valbruna S.p.A.

36100 VICENZA (Italia) - Viale della Scienza, 25 z.l.

CERTIFICATO Certificate - Zeugnis - Certificat N° UT11001539

CONTROLLO CON ULTRASUONI

Ultrasonic testing - Ultraschallprüfung - Contrôle par ultrasons

mod. UT02

Secondo : PROC CND 009

According to - Nach - Selon

Cliente : VALBRUNA STAINLESS INC.

Customer - Besteller - Client

Lotto nr : 120600840

Mill order - Uns. Auftr. - A/R

Customer - Besteller - Client													
MARCA Grade Qualität Nuance	DIMENSIONI Size Abmessungen Dimensions		COLATA Heat Schmelze Coulée	BARRE Bars Stäbe Barres	PESO Weight Gewicht Poids	LUNGHEZZA Length Länge Longueur		TOLLERANZA Tolerance Toleranz Tolerance					
V174	Flat 2,0000 x 1,2500 - In		252544		LB : 2.189								
T. TERMICO H.Treatment Wärmebehandlung T.Thermique		ESECUZIONE Condition Ausführung Execution		Condizioni Superficiali Surface Oberfläche Surface Conditions				TOLLERANZA Tolerance Toleranz Tolerance					
COND. A		Hotrolled		Descaled				Tol. ASTM A484					
SONDE Probes Prüfköpfe Palpeurs	TIPO ONDA Type of wave Wellenart Type d'onde	MHZ MHz MHz	DIMENSIONI Dimension Abmessungen Dimensions				ANGOLO Angle Winkel Angle	1	2	3	4	5	6
SEB4	LONGITUDINAL	4	E-R6X20				0°						

APPARECCHIO : KARL DEUTSCH 1055B

Equipment - Gerät - Appareil

ACCOPPIANTE : WATER + COUPLANT 333 NDT

Couplant - Koppelmittel - Couplage

VEL. CONTROLLO : 100 mm/sec

Scanning rate - Prüfgeschwindigkeit - Vitesse d'essai

RUGOSITÀ :

Roughness - Rauigkeit - Rugosité

COEFFICIENTE ATTENUAZIONE :

Attenuation - Schallschwächungskoeff. - Coefficient d'atténuation

METODO Method Verfahren Méthode	DAC-DAK-CAD [X]	ECO DI FONDO Back reflect - Rückwandecho - Echo du fond
	FBH-KSR-FFP [X] 1,5 MM	INTAGLIO V V-notch - V-Kerbe - Entaille V
	AVG-DGS	INTAGLIO U U-notch - U-Kerbe - Entaille U

CONTROLLO AUTOMATICO

Automating scanning - Automatische Prüfung - Contrôle automatique

CONTROLLO MANUALE [X]

Manual scanning - Manuelle Prüfung - Contrôle manuel

RISULTATO DEL CONTROLLO :

Examination result - Ergebnis der Prüfung - Resultat d'essai

MATERIAL ACCORDING TO SPECIFICATION ASTM A 388/API 6A PSL3

ISPEZIONATO DA Inspected by	VERIFICATO DA Verified by G. Simonato LEVEL II UNI EN 473 N. 57.	RESPONSABILE PND NDT manager - Verantwort. ZFP - Responsabile END	COLLAUDATORE Inspector - Abnahmesachverständiger - Inspecteur
FIRMA DATA : 22/02/11 Date - Date	FIRMA 	FIRMA	

Copper & Brass Sales

Customer. TKM NH
Customer P.O. PEC-229196
Qty. 2 Weight: _____
Ship/Deliv #: 2401220071
By: BT



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PO REPRINT

Purchase Order ID PO13724

Purchase Order Date 3/28/2011

PO Print Date 3/31/2011

Page Number 2 of 2

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone

905 669 9444

Vendor Fax

905 738 9033

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Special Inst:

MATERIAL: 6061-
T6/T651/T6510/T6511/T62
ALUMINUM ROUND BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-
225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8
OR AMS 4160 OR ASTM B211 OR
ASTM B221

5

M174B1.250X02.000

17-4 SS Bar 1.250 x 2.00

4/11/2011

Yes

36.00

Yours ppd

\$31,8778

\$1,147.60

Special Inst:

MATERIAL: 17-4 PH SS BAR AS PER
AMS 5604/5643
GRAIN MUST BE ALONG LENGTH
OF BAR
MINIMUM YIELD TENSILE
STRENGTH = 100 KSI ✓
MINIMUM ULTIMATE
TENSILESTRENGTH = 150 KSI ✓

PO Total:

\$3,333.82

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

CL

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

Change Nbr: 3

Change Date: 3/31/2011

Page 1 of 1

All amounts are calculated in domestic currency.

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name		VC-COP001	Thyssenkrupp Materials CA Ltd								
PO13724	5		M174B1.250X02.000 f		4/26/2011	4/20/2011	36.0000	\$31.88	0.0000	0	\$1,147.60
CAD	No		17-4 SS Bar 1.250 x f 2.00 117483		36.0000	DESJ02		\$1,147.60	0.0000	0	